

# EAST Search History -DRC - 1/17/08

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	JONCRYL near12 cationic	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/17 08:26
L2	13	((("20020040088") or ("20030205167") or ("6576049") or ("6159339") or ("6248164") or ("5876562") or ("6551457") or ("6414055") or ("5858173") or ("5858173") or ("6171444") or ("6551457") or ("6261679") or ("5429294") or ("4782109"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/17 08:27
L3	318	propst.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:27
L4	15	I3 and acrylic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:27
L5	1	I3 and ((acrylic with cationic) or BASOPLAST)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:27
L6	1626	(AKD ASA succinic ketene) and (acrylic acrylate acrylamide) and (cationic with polymer) and (crosslink\$3 near2 (agent substance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:28
L7	1206	(AKD ASA succinic ketene) and (acrylic acrylate acrylamide) and (cationic near5 polymer) and (crosslink\$3 near2 (agent substance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:28
L8	686	L7 and (stock furnish suspension)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:28
L9	113	L7 and ((stock furnish suspension) near3 (paper papermaking))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:28

## EAST Search History

L10	1	L9 and (crosslink\$3 same (((zinc ammonium calcium aluminum magnesium stannous tungsten titanium zirconium) adj oxide) ((calcium aluminum magnesium) adj \$3stearate) isostearate (sodium adj tungstate) (zinc adj octoate) ((zinc calcium magnesium aluminum) near3 fatty)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:29
L11	52	L9 and (((zinc ammonium calcium aluminum magnesium stannous tungsten titanium zirconium) adj oxide) ((calcium aluminum magnesium) adj \$3stearate) isostearate (sodium adj tungstate) (zinc adj octoate) ((zinc calcium magnesium aluminum) near3 fatty))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:29
L12	3980	crosslink\$3 near5 (size sizing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:29
L13	82	l12 and (sizing same (acrylic acrylate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:30
L14	50	l13 and (paper board paperboard cardboard liner)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:30
S1	20	("3180787" "4407994" "4522686" "4847315" "4859244" "5177051" "5393566" "5397436" "5429294" "5531863" "5858173" "5961708" "6103861" "6153040" "6159339" "6171680" "6273997" "6348132" "20030124316").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/13 11:40
S2	8061	(162/4,5,60,135,136,137,158,163,164,164.1,164.7,164.6,168.1,168.2,168.3,180,183,184,185,186).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/22 09:07
S3	11353	((428/34.2,138,182,486) or (106/206.1,209.1,287.23,287.24,162.1,243) or (549/200,231,233,255) or (528/271) or (427/348)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/22 09:09

## EAST Search History

S4	19255	S2 or S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/22 09:09
S5	170	acryl\$3 and (AKD or "\$5yl ketene dimer\$1" or ASA or "\$5yl succinic anhydride\$1") and (cationic near1 polymer\$6) and starch	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/22 11:18
S6	86	acryl\$3 and (AKD or "\$5yl ketene dimer\$1") and (ASA or "\$5yl succinic anhydride\$1") and (cationic near1 polymer\$6) and starch	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/13 11:47
S7	79	S6 and acrylic	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/22 11:19
S8	1206122	S6 and acrylic acid	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/22 11:20
S9	65	S6 and "acrylic acid"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/22 12:51
S10	42	S9 and crosslink\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/22 11:42
S11	42	S10 and (paper or cellulos\$2 or fiber or web or sheet or mat)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/22 11:22
S12	5	S2 and S11	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/22 11:22
S13	116	"organic crosslinking agent" and "acrylic acid"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/22 12:51
S14	1	CA-2354966-\$.did.	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/23 07:09
S15	1	WO-200225013-\$.did.	EPO; DERWENT	OR	ON	2006/07/23 11:24
S16	1	CA-2354966-\$.did.	DERWENT	OR	ON	2005/09/23 07:12
S17	0	CA-2354966-\$.did.	EPO	OR	ON	2005/09/23 07:12
S18	1	("5393566").PN.	USPAT; USOCR	OR	OFF	2005/12/13 08:15

## EAST Search History

S19	0	("(acrylicadjacid)same(crosslink\$3a djagent)").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/23 07:49
S20	4447	(acrylic adj acid) same (crosslink\$3 adj agent)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 07:52
S21	0	"acrylic acid crosslink\$3 agent"	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 07:51
S22	2495	(acrylic adj acid) with (crosslink\$3 adj agent)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 07:52
S23	8128	(162/4,5,60,135,136,137,158,163, 164,164.1,164.7,164.6,168.1,168.2, 168.3,180,183,184,185,186).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/23 07:52
S24	24	S22 and S23	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 08:00
S25	2136	crosslink\$2 adj acrylic	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 09:08
S26	11422	((428/34.2,138,182,486) or (106/206.1,209.1,287.23,287.24, 162.1,243) or (549/200,231,233, 255) or (528/271) or (427/348)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/23 08:01
S27	19389	S23 or S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 08:01
S28	19389	S23 or S26 or S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 08:02
S29	9	S25 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 08:15

## EAST Search History

S30	4	((("2726230") or ("3493550"))).PN.	USPAT; USOCR	OR	OFF	2006/01/23 09:07
S31	0	("I7andstearate").PN.	USPAT; USOCR	OR	OFF	2006/01/23 09:07
S32	297	S25 and stearate	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 09:08
S33	19	(crosslink\$2 adj acrylic) same stearate	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 09:55
S34	354	"alkyl ketene dimer" with cationic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 10:13
S35	4	((("4407994") or ("4522686"))).PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/23 10:13
S36	1	("20040089433").PN.	US-PGPUB	OR	OFF	2007/01/13 10:38
S37	1339518	alkyl ketene dimer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/22 14:56
S38	1520	"alkyl ketene dimer"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/22 14:57
S39	1520	S38 and PY<"1975"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/22 14:57
S40	41	S38 and @PY<"1975"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/22 14:58
S41	148	("alkyl ketene dimer" or AKD) near2 cationic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/23 11:26

## EAST Search History

S42	2	((("6576049") or ("6248164"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/12 14:44
S43	3	((("5858173") or ("5876562") or ("6414055"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/12 14:45
S44	0	WO-0225013-\$.did.	EPO; DERWENT	OR	ON	2007/01/12 14:48
S45	1	WO-200225013-\$.did.	EPO; DERWENT	OR	ON	2008/01/16 08:43
S46	2	Ep-499448-\$.did.	EPO; DERWENT	OR	ON	2007/01/12 14:48
S47	1	("6551457").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/12 14:53
S48	1	"20020062938"	US-PGPUB	OR	ON	2007/01/13 11:40
S49	59	((acrylic adj acid) same (monomer or polymer)) and (crosslink\$3 or (cross adj link\$3)) and (AKD or "\$5yl ketene dimer\$1") and (ASA or "\$5yl succinic anhydride\$1") and (cationic near2 (starch or polysaccharide))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/13 12:22
S50	10	S49 and wood and (recycle\$1 or (waste adj paper) or deinked)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/13 12:01
S51	177	combination and (AKD or "\$5yl ketene dimer\$1") and (ASA or "\$5yl succinic anhydride\$1") and (cationic near2 (starch or polysaccharide))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/13 12:22
S52	14	(combination with ((AKD or "\$5yl ketene dimer\$1") and (ASA or "\$5yl succinic anhydride\$1")))) and (cationic near2 (starch or polysaccharide))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/13 12:23
S53	219	propst.IN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 09:42
S54	318	propst.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/09 09:42
S55	82	S54 and (AKD or ASA or ketene or succinic or size or sizing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/09 09:42

## EAST Search History

S56	11	S54 and (recyclable or repulpable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/09 09:42
S57	82	S55 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/09 09:46
S58	3	S55 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/09 09:43
S59	3459	(cationic with (acrylic adj acid))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:34
S60	0	l1] and papermaking	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:35
S61	243	S59 and papermaking	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:35
S62	111	S61 and (crosslink\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:35
S63	165	S61 and (coating or sizing)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:35
S64	80	S62 and S63	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:35
S65	2	("20040089433").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/16 08:42
S66	2	WO-2004037930-\$.did.	EPO; DERWENT	OR	ON	2008/01/16 08:46
S67	1	2004-411213.NRAN.	DERWENT	OR	ON	2008/01/16 08:44
S68	1	EP-1601726-\$.did.	EPO; DERWENT	OR	ON	2008/01/16 08:46